

Coast Survey Information Brief WI Coastal Management Program

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Coast Survey Navigation Manager for the Great Lakes

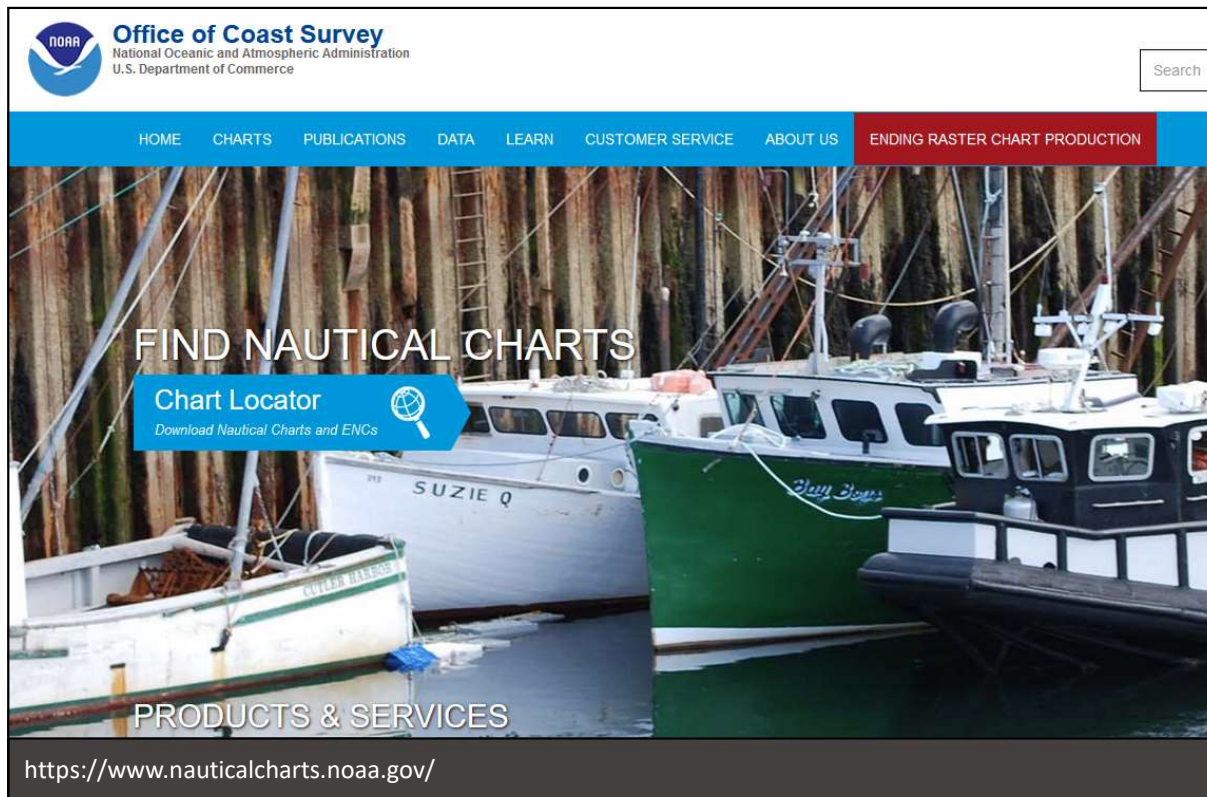
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Office of Coast Survey
National Oceanic and Atmospheric Administration

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Chart Locator
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PRODUCTS & SERVICES

<https://www.nauticalcharts.noaa.gov/>

Our products



Data collection - Conduct hydrographic surveys to collect depth measurements for nautical charts.



Product development - Create nautical charts and other products for safe and efficient navigation.



Product distribution - Distribute nautical charts in multiple formats, capitalizing on digital formats.

Our services



Navigation response - Conduct routine and emergency hydrographic surveys.



Regional support - Navigation managers strategically located in U.S. coastal areas to assist with navigational challenges.



Model development - Develop models for storm surge and hurricane prediction with real-time data feeds.

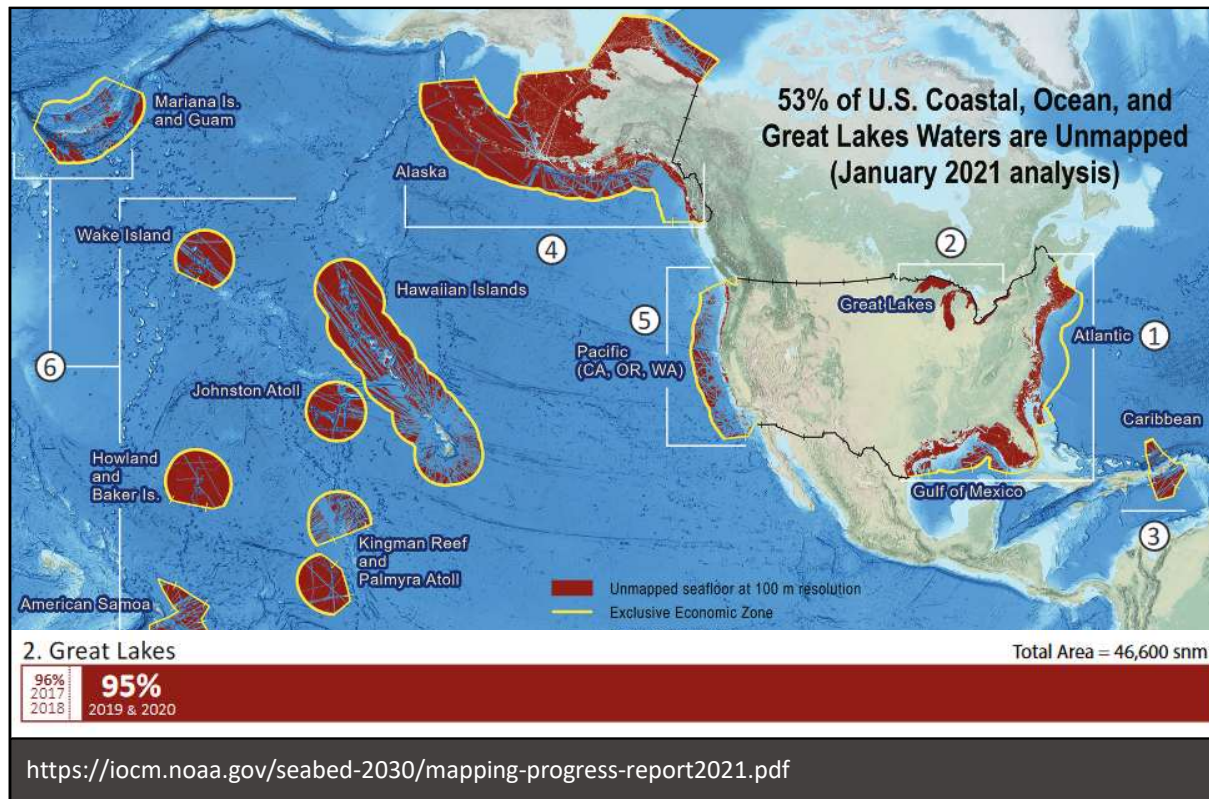


Technology research - Develop and test new technologies to improve mapping efficiencies.



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Nautical Charts and Services on the GLs



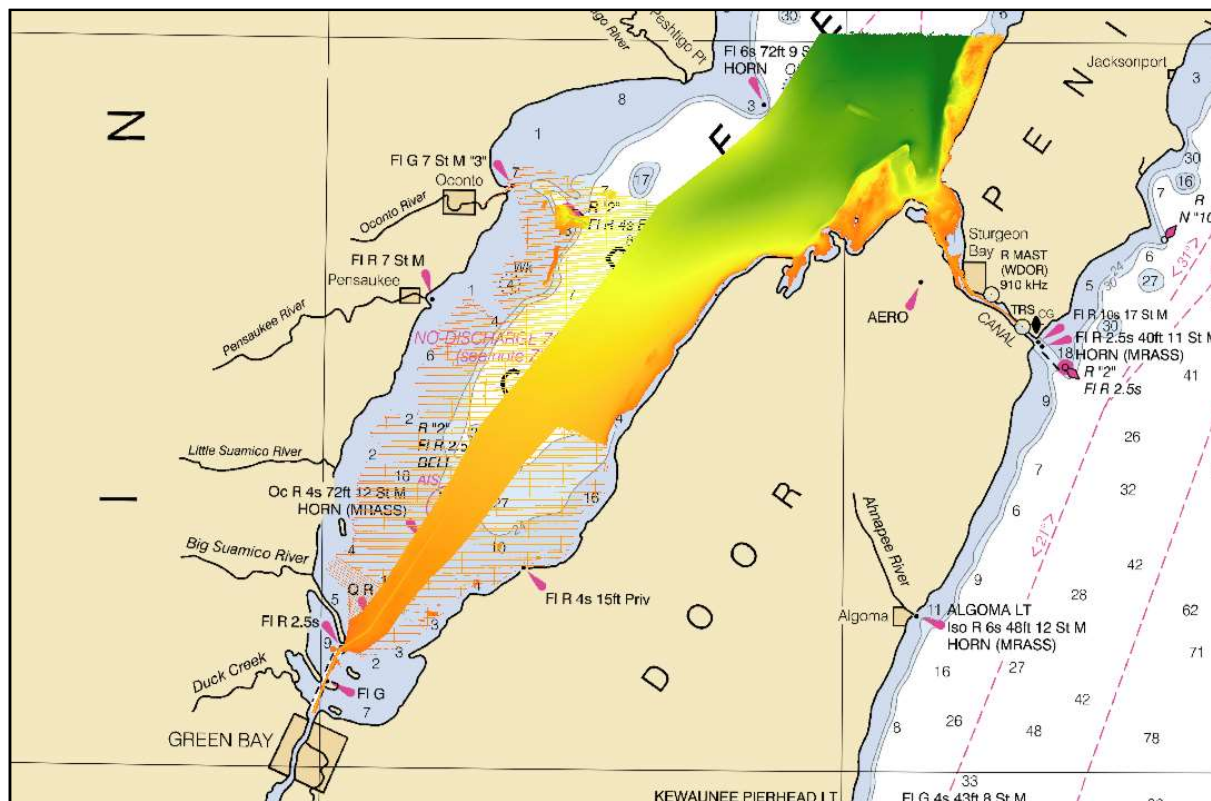
Status of Charts on the GLs:

- NOAA inherited charting responsibilities in 1970
- Most chart data is sourced from surveys from the 1940s
- Significant data provenance issues
- Least 'adequately charted' area in U.S. waters
- Advanced Operational Forecasting Models



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Past Work in WI Waters



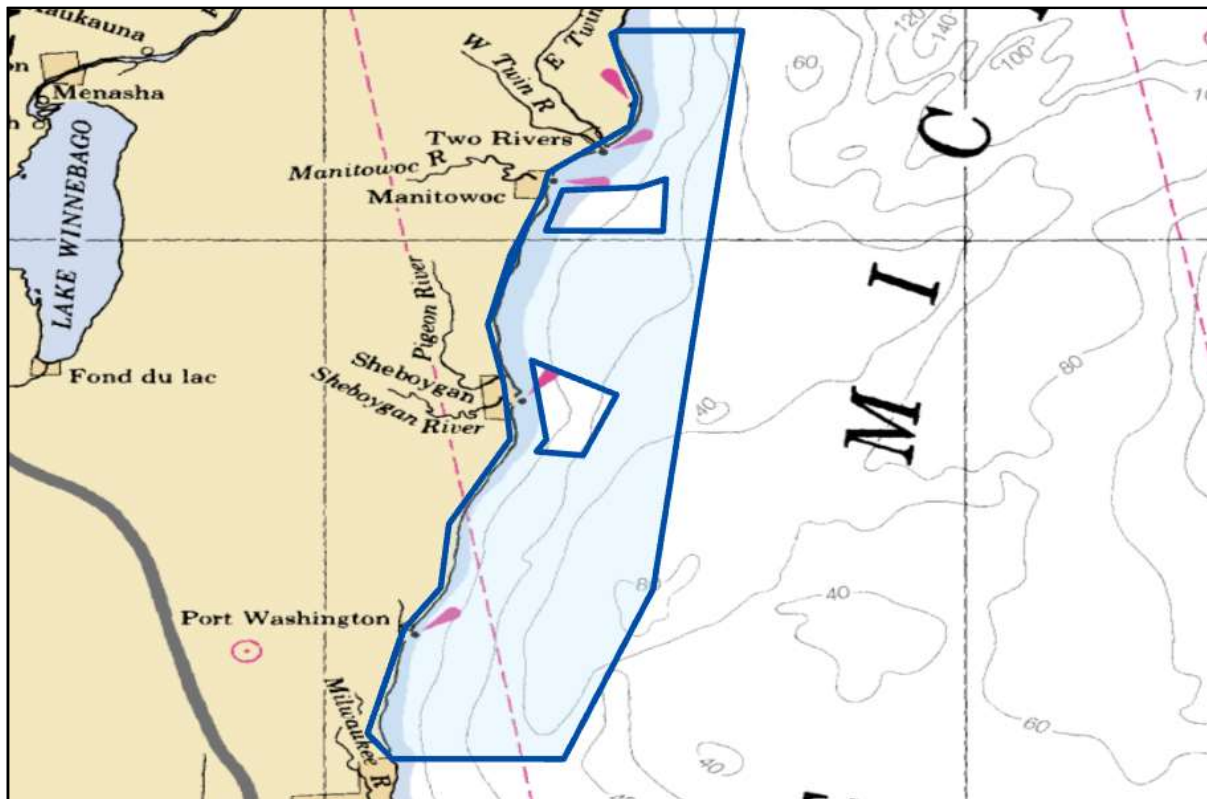
OPR-Y390-KR-21

- Contract survey
- Completed Sept 2021
- Data processing by contractor ongoing
- Data to be delivered to OCS in approximately 90 days



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On-going and Planned Work



Navigation Response Team (on-going)

- Team will finish up spot work in OCT

OPR-Y396-KR-22 Shipwreck Coast, WI

- Planned for 2022

- Contractor TBD

- Preliminary survey area shown

- Specification similar to Green Bay



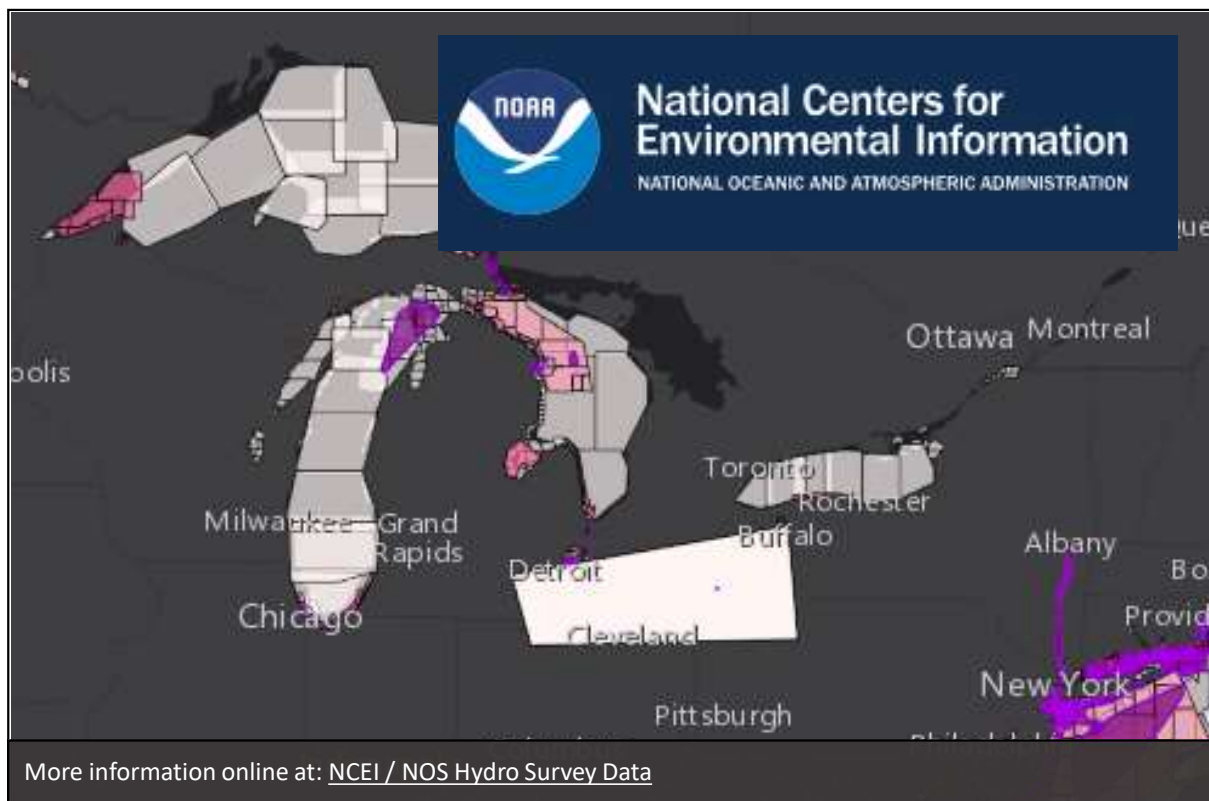
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Consultation processes

- Coast Survey conducts environmental consultations in accordance with **NEPA** and historic/cultural preservation consultations in accordance with **NHPA**
- **State Historical Preservation Offices (SHPOs)** and pertinent **Tribal Historical Preservation Officers (THPOs)** are consulted prior to and after surveys
- SHPOs and THPOs have the right to flag surveys as sensitive; such data is archived but not released
- State agencies need to get the SHPO to request that the data be released by the Federal Government to the state agency if data is flagged sensitive
- Try to work with state DNRs and coastal management offices whenever possible
- Additional consultations with National Marine Sanctuaries



Standard NOS hydro survey data products



Standard data products:

- 100% MBES, 100% SSS + MBES, or 200% SSS
- Backscatter products are delivered for all MBES data
- Surface grab samples with imagery
- Data made available via NOAA's NCEI web portal 1-2 years after completion of survey



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Contact Information

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